Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of the Claims:

1-10 **(Cancelled)**

11. **(Currently Amended)** A procedure according to claim 30~~26~~, wherein the average diameter is from 50 to 100 nm.

12. **(Currently Amended)** A procedure according to claim 30~~26~~, wherein crystal nuclei in an amount of 0.5 to 2 % w/w relative to the precipitated boehmite and/or pseudo-boehmite and computed as Al_2O_3 are used for precipitation.

13. **(Currently Amended)** A procedure according to claim 30~~26~~, wherein the crystal nuclei are present in an aqueous, acidic solution and at least one basic aluminum salts and at least one acidic aluminum salts are jointly added.

14. **(Cancelled)**

15. **(Currently Amended)** A procedure according to claim 30~~26~~, characterized in that alkali aluminates, alkaline earth aluminates or aluminum hydroxy salts are used as the basic aluminum salts.

16. **(Currently Amended)** A procedure according to claim 30~~26~~, characterized in that aluminum sulfate, aluminum nitrate, aluminum chloride or aluminum formate are used as the acidic aluminum salts.

17. **(Currently Amended)** A procedure according to claim 30~~26~~, characterized in that the bulk of the boehmite and/or pseudo-boehmite is precipitated at a pH value of 5 to 9.

18. (**Original**) A procedure according to claim 17 wherein the pH value is from 6 to 8.

19-21. (**Cancelled**)

22. **(Currently Amended)** A procedure according to claim 30~~26~~, wherein the crystal nuclei are prepared in an aqueous, acidic solution and at least one basic aluminum salt[[s]] and at least one acidic aluminum salt[[s]] are jointly added.

23-28. **(Cancelled)**

30. **(Previously Presented)** A procedure for manufacturing boehmite and/or pseudo-boehmite comprising:

precipitating boehmite and/or pseudo-boehmite from an aqueous medium containing crystal nuclei of alumina in the presence of a precipitating agent selected from the group consisting of basic aluminum salts, acidic aluminum salts and mixtures thereof, said nuclei being present in an amount of 0.1 to 5% w/w of said precipitated boehmite and/or pseudo-boehmite calculated as $A1_20_3$, said crystal nuclei having an average diameter of 20 to 150 nm.

31. **(Currently Amended)** A procedure for manufacturing boehmite and/or pseudo boehmite comprising:

precipitating boehmite and/or pseudo-boehmite from an aqueous medium containing an organic polymer[[s]]/oligomer[[s]] which form lattices in said aqueous medium, in the presence of a compound selected from the group consisting of basic aluminum salts, acidic aluminum salts and mixtures thereof, said polymer[[ic]]/oligomer[[s]] being present in an amount of 0.1 to 5% w/w of the precipitated boehmite and/or pseudo-boehmite, calculated as Al_2O_3, said polymer[[s]]/oligomer[[s]] having an average diameter of 12 to 250 nm and being selected from the group consisting of polyacrylic acids, polymethacrylic acids, polyacrylates, polystyrenes, polyvinylacetates, polyvinylversalates, their co-polymers and mixtures thereof.

32. **(Previously Presented)** The procedure of claim 30, wherein said crystal nuclei are selected from the group consisting of boehmite, pseudo-boehmite and mixtures thereof.